

**Flood Control Project Maintenance
Levee Inspections**

LMA District Cover Sheet

Spring 2014 Levee Inspection Results

Merced Streams Group

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Merced Streams Group

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Black Rascal Diversion | | | Right | 1.64 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 04/23/2014 - 04/23/2014 | | | |
| DWR Inspector | Herman Phillips | | | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Black Rascal Diversion | Right | 1.64 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|-----------------|----------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 7 |
| LM End | | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operations & Maintenance Manuals | | | | ° |
| | | | | | ° |
| DWR ID | DWR_NA0013_01_s _ 2012_7 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 8 |
| LM End | | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Emergency Supplies & Equipment | | | | ° |
| | | | | | ° |
| DWR ID | DWR_NA0013_01_s _ 2012_8 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 9 |
| LM End | | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flood Preparedness & Training | | | | ° |
| | | | | | ° |
| DWR ID | DWR_NA0013_01_s _ 2012_9 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Black Rascal Diversion | Right | 1.64 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | M | Issue No. | 11 |
| LM End | 0.09 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.314873 ° | 37.315853 ° |
| | | | | -120.396413 ° | -120.396383 ° |
| DWR ID | DWR_NA0013_01_s _ 2014_11 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | M | Issue No. | 10 |
| LM End | 0.22 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.314820 ° | 37.317840 ° |
| | | | | -120.396415 ° | -120.396349 ° |
| DWR ID | DWR_NA0013_01_s _ 2014_10 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

Photo 1 of 1 : phillips_s_20140512_05854.jpg



Black Rascal Creek looking upstream from levee mile 0.01. Photo taken 4-23-2014.

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | U | Issue No. | 6 |
| LM End | 0.22 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.314820 ° | 37.317840 ° |
| | | | | -120.396415 ° | -120.396346 ° |
| DWR ID | DWR_NA0013_01_s _ 2014_6 | | | | |
| Action/Comments | | | | | |
| Material Inspector Comments: District has cleaned out the main canal adjacent to the landside toe and has placed the dredged material along the landward bank to dry out. | | | | | |

Photo 1 of 1 : phillips_s_20140512_05853.jpg



Dredged material placed on the landward shoulder. Photo taken 4-23-2014.

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Black Rascal Diversion | Right | 1.64 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.23 | Rating ** | M | Issue No. | 2 |
| LM End | 0.32 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.317886 ° | 37.319103 ° |
| | | | | -120.396366 ° | -120.396596 ° |
| DWR ID | DWR_NA0013_01_s _ 2013_2 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.23 | Rating ** | M | Issue No. | 3 |
| LM End | 0.56 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.317886 ° | 37.322510 ° |
| | | | | -120.396366 ° | -120.396599 ° |
| DWR ID | DWR_NA0013_01_s _ 2013_3 | | | | |
| Action/Comments | | | | | |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.24 | Rating ** | A/W | Issue No. | 13 |
| LM End | 1.27 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.318195 ° | 37.332313 ° |
| | | | | -120.396406 ° | -120.394745 ° |
| DWR ID | DWR_NA0013_01_s _ 2014_13 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Black Rascal Diversion | Right | 1.64 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|-----------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.26 | Rating ** | M | Issue No. | 14 |
| LM End | 1.27 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.318499 ° | 37.332241 ° |
| | | | | -120.396562 ° | -120.394735 ° |
| DWR ID | DWR_NA0013_01_s _ 2014_14 | | | | |
| Action/Comments | | | | | |
| Material | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.51 | Rating ** | C | Issue No. | 5 |
| LM End | 0.51 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.321864 ° | 37.321864 ° |
| | | | | -120.396600 ° | -120.396604 ° |
| DWR ID | DWR_NA0013_01_s _ 2014_5 | | | | |
| Action/Comments | | | | | |
| Garbage | | | | | |
| Inspector Comments: Box springs laying on both slopes should be removed from levee section. During my Spring inspection 4-15-2013 found that the box spring listed 2012 inspection, the box spring was burned, the debris need to be removed. | | | | | |

No Photos

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.55 | Rating ** | M | Issue No. | 15 |
| LM End | 0.63 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.322473 ° | 37.323615 ° |
| | | | | -120.396604 ° | -120.396635 ° |
| DWR ID | DWR_NA0013_01_s _ 2014_15 | | | | |
| Action/Comments | | | | | |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Black Rascal Diversion | Right | 1.64 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.75 | Rating ** | M | Issue No. | 4 |
| LM End | 1.16 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.325287 ° | 37.330899 ° |
| | | | | -120.396639 ° | -120.395532 ° |
| DWR ID | DWR_NA0013_01_s _ 2013_4 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.83 | Rating ** | M | Issue No. | 16 |
| LM End | 0.94 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.326428 ° | 37.328004 ° |
| | | | | -120.396688 ° | -120.396700 ° |
| DWR ID | DWR_NA0013_01_s _ 2014_16 | | | | |
| Action/Comments | | | | | |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | | | | |

No Photos

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.94 | Rating ** | C | Issue No. | 12 |
| LM End | 0.95 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.328007 ° | 37.328123 ° |
| | | | | -120.396650 ° | -120.396648 ° |
| DWR ID | DWR_NA0013_01_s _ 2013_12 | | | | |
| Action/Comments | | | | | |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | | | | |

No Photos

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Black Rascal Diversion | Right | 1.64 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|-----------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.27 | Rating ** | M | Issue No. | 17 |
| LM End | 1.27 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.332313 ° | 37.332313 ° |
| | | | | -120.394750 ° | -120.394746 ° |
| DWR ID | DWR_NA0013_01_s _ 2014_17 | | | | |
| Action/Comments | | | | | |
| Material | | | | | |

Photo 1 of 1 : phillips_s_20140512_05856.jpg



Dredged material placed on waterward shoulder from channel. Photo taken 4-23,-2014.

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.31 | Rating ** | C | Issue No. | 1 |
| LM End | 1.63 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.332825 ° | 37.337056 ° |
| | | | | -120.394887 ° | -120.396531 ° |
| DWR ID | DWR_NA0013_01_s _ 2012_1 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Merced Streams Group

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 02 Black Rascal Diversion | | | Left | 1.88 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 04/23/2014 - 04/23/2014 | | | |
| DWR Inspector | Herman Phillips | | | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|-----------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.337034 ° | 37.337034 ° |
| | | | | -120.387422 ° | -120.387422 ° |
| DWR ID | DWR_NA0013_02_f_2012_2 | | | | |
| Action/Comments | | | | | |
| Pipe | | | | | |

Photo 1 of 2 : phillips_s_20140414_710.jpg



Black Rascal Creek looking downstream from 0.00 landside slope.
Photo taken 4-15-2013.

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | U | Issue No. | 2 (cont) |
| LM End | 0.00 | Issue Type + | En | Location * | LS |

Photo 2 of 2 : phillips_s_20140512_05857.jpg



Black Rascal Creek There is no CVFPB Permit on file for this installation. Photo taken 4-23,-21014

| | | | | | |
|---------------------------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | M | Issue No. | 3 |
| LM End | 0.01 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.337019 ° | 37.337019 ° |
| | | | | -120.387539 ° | -120.387539 ° |
| DWR ID | DWR_NA0013_02_s_2014_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21263 | | | | | |

Photo 1 of 1 : UCIP_2495.jpg



WS view: concrete standpipe (left) and CMP standpipe (right).

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.02 | Rating ** | A/W | Issue No. | 16 |
| LM End | 0.08 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.337013 ° | 37.336523 ° |
| | | | | -120.387693 ° | -120.388479 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_16 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.03 | Rating ** | A/W | Issue No. | 17 |
| LM End | 0.65 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.336897 ° | 37.331656 ° |
| | | | | -120.387970 ° | -120.394288 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_17 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

Photo 1 of 1 : phillips_s_20140512_05860.jpg



Looking downstream from levee mile 0.03. Photo taken 4-23-2014.

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.05 | Rating ** | M | Issue No. | 18 |
| LM End | 0.65 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.336790 ° | 37.331656 ° |
| | | | | -120.388135 ° | -120.394289 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_18 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.05 | Rating ** | M | Issue No. | 19 |
| LM End | 1.50 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.336739 ° | 37.320024 ° |
| | | | | -120.388190 ° | -120.396005 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_19 | | | | |
| Action/Comments | | | | | |
| Agricultural tilling | | | | | |
| Inspector Comments: Chanel has been dredged and the material has been placed on the waterward berm. | | | | | |

No Photos

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.30 | Rating ** | M | Issue No. | 6 |
| LM End | 0.30 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.336006 ° | 37.336006 ° |
| | | | | -120.392011 ° | -120.392011 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_6 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:20933 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs vegetation cleaning on both sides.flap gate was not closed during field surveyinlet needs cleaning. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2378.jpg



WS view: cobble spillway and channel on waterside.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.36 | Rating ** | M | Issue No. | 20 |
| LM End | 0.50 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.335117 ° | 37.333553 ° |
| | | | | -120.392479 ° | -120.393522 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_20 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or aROUT burrows. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.54 | Rating ** | M | Issue No. | 10 |
| LM End | 0.54 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.333180 ° | 37.333180 ° |
| | | | | -120.394068 ° | -120.394068 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_10 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:20946 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs vegetation cleaning on both sides.flap gate was not properly closed during field surveyinlet needs cleaning. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2392.jpg



WS view: cobble spillway and channel on waterside.

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.65 | Rating ** | M | Issue No. | 21 |
| LM End | 0.95 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.331656 ° | 37.327750 ° |
| | | | | -120.394288 ° | -120.396111 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_21 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|-----------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.65 | Rating ** | M | Issue No. | 23 |
| LM End | 0.65 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.331656 ° | 37.331656 ° |
| | | | | -120.394289 ° | -120.394289 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_23 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.65 | Rating ** | M | Issue No. | 22 |
| LM End | 0.95 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.331656 ° | 37.327750 ° |
| | | | | -120.394289 ° | -120.396108 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_22 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.70 | Rating ** | M | Issue No. | 8 |
| LM End | 0.97 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.331107 ° | 37.327500 ° |
| | | | | -120.394673 ° | -120.396098 ° |
| DWR ID | DWR_NA0013_02_s _ 2012_8 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.75 | Rating ** | M | Issue No. | 12 |
| LM End | 0.75 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.330525 ° | 37.330525 ° |
| | | | | -120.395132 ° | -120.395132 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_12 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:20992 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - mud and debris from recent channel cleaning needs to be removed from spillway and outlet pipe filled with debris, it needs cleaning half of inlet pipe buried. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2406.jpg



WS view: concrete headwall and CM pipe burried under debris and mud.

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.90 | Rating ** | U | Issue No. | 24 |
| LM End | 0.90 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.328567 ° | 37.328567 ° |
| | | | | -120.396062 ° | -120.396062 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_24 | | | | |
| Action/Comments | | | | | |
| Tree or limb | | | | | |
| Inspector Comments: Three fruit trees with irrigation system, stock pie of material (2) piles on the land side toe and rock pad placed n land side toe. | | | | | |

Photo 1 of 2 : phillips_s_20140512_05861.jpg



Unauthorized fruit trees planted on the landward toe. Photo taken 4-23-2014.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.90 | Rating ** | U | Issue No. | 24 (cont) |
| LM End | 0.90 | Issue Type + | En | Location * | LS |

Photo 2 of 2 : phillips_s_20140512_05862.jpg



Unauthorized fruit tree placed on the landward toe. Photo taken 4-23-2014.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.95 | Rating ** | M | Issue No. | 7 |
| LM End | 1.05 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.327791 ° | 37.326354 ° |
| | | | | -120.396097 ° | -120.396074 ° |
| DWR ID | DWR_NA0013_02_f_2012_7 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.02 | Rating ** | M | Issue No. | 1 |
| LM End | 1.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.326801 ° | 37.314669 ° |
| | | | | -120.396067 ° | -120.395810 ° |
| DWR ID | DWR_NA0013_02_s_2014_1 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.04 | Rating ** | M | Issue No. | 25 |
| LM End | 1.04 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.326518 ° | 37.326518 ° |
| | | | | -120.396085 ° | -120.396085 ° |
| DWR ID | DWR_NA0013_02_s_2014_25 | | | | |
| Action/Comments | | | | | |
| Prunings | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.31 | Rating ** | M | Issue No. | 14 |
| LM End | 1.31 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 37.322615 ° | 37.322615 ° |
| | | | | -120.395948 ° | -120.395948 ° |
| DWR ID | DWR_NA0013_02_s _ 2012_14 | | | | |
| Action/Comments | | | | | |
| Note and monitor erosion site. Inspector Comments: District needs to place riprap under this discharge line to prevent more erosion. | | | | | |

No Photos

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.35 | Rating ** | M | Issue No. | 15 |
| LM End | 1.45 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.322212 ° | 37.320701 ° |
| | | | | -120.395620 ° | -120.395767 ° |
| DWR ID | DWR_NA0013_02_s _ 2012_15 | | | | |
| Action/Comments | | | | | |
| Repair depressions or ruts in the crown or slope. | | | | | |

No Photos

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.47 | Rating ** | M | Issue No. | 9 |
| LM End | 1.49 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.320518 ° | 37.320168 ° |
| | | | | -120.396029 ° | -120.396011 ° |
| DWR ID | DWR_NA0013_02_s _ 2013_9 | | | | |
| Action/Comments | | | | | |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. Inspector Comments: Crown roadway damage by vehicles traveling while roadway was wet. | | | | | |

No Photos

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.55 | Rating ** | M | Issue No. | 11 |
| LM End | 1.55 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.319316 ° | 37.319316 ° |
| | | | | -120.396007 ° | -120.396007 ° |
| DWR ID | DWR_NA0013_02_s _ 2012_11 | | | | |
| Action/Comments | | | | | |
| Thin trees to allow visibility of the ground and room to flood fight. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.64 | Rating ** | M | Issue No. | 13 |
| LM End | 1.64 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.318015 ° | 37.318015 ° |
| | | | | -120.395737 ° | -120.395737 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_13 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:20985 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs cleaning of debris on spillway on W&S | | | | | |
| needs cleaning inside CMP on LS | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe | | | | | |
| through the levee, 8.0 feet below the crown, concrete headwall, flap | | | | | |
| gate, and concrete grouted cobble spillway on the waterward toe, | | | | | |
| concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2394.jpg



WS view: overview of outlet area and channel. Debris and vegetations on spillway.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 02 Black Rascal Diversion | Left | 1.88 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|-----------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.66 | Rating ** | N | Issue No. | 4 |
| LM End | 1.66 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.317802 ° | 37.317802 ° |
| | | | | -120.395765 ° | -120.395765 ° |
| DWR ID | DWR_NA0013_02_s _ 2013_4 | | | | |
| Action/Comments | | | | | |
| Tree stumps. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.67 | Rating ** | M | Issue No. | 26 |
| LM End | 1.87 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.317628 ° | 37.314669 ° |
| | | | | -120.395737 ° | -120.395810 ° |
| DWR ID | DWR_NA0013_02_s _ 2014_26 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Merced Streams Group

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 03 Owens Creek Diversion | | | Right | 1.44 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 04/23/2014 - 04/23/2014 | | | |
| DWR Inspector | Herman Phillips | | | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|-----------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | M | Issue No. | 20 |
| LM End | 0.17 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 37.257731 ° | 37.259965 ° |
| | | | | -120.288546 ° | -120.288560 ° |
| DWR ID | DWR_NA0013_03_s _ 2014_20 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | U | Issue No. | 21 |
| LM End | 0.67 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.257731 ° | 37.266833 ° |
| | | | | -120.288546 ° | -120.287558 ° |
| DWR ID | DWR_NA0013_03_s _ 2014_21 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |

Photo 1 of 1 : phillips_s_20140509_05850.jpg



Looking upstream at overgrown crown roadway. Photo taken 4-23-2014.

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | U | Issue No. | 22 |
| LM End | 1.14 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.257733 ° | 37.271980 ° |
| | | | | -120.288546 ° | -120.282279 ° |
| DWR ID | DWR_NA0013_03_s _ 2014_22 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

Photo 1 of 1 : phillips_s_20140509_05851.jpg



Unsatisfactory wild growth on waterside of levee section. Photo taken 4-23-2014.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|----------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | M | Issue No. | 23 |
| LM End | 1.18 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.257734 ° | 37.272370 ° |
| | | | | -120.288546 ° | -120.281539 ° |
| DWR ID | DWR_NA0013_03_s _ 2014_23 | | | | |
| Action/Comments | | | | | |
| Agricultural tilling | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.02 | Rating ** | U | Issue No. | 10 |
| LM End | 0.35 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.257799 ° | 37.262601 ° |
| | | | | -120.288396 ° | -120.288561 ° |
| DWR ID | DWR_NA0013_03_s _ 2013_10 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The levee section is overgrown both slopes and crown roadway, there should not be any grasses on the crown roadway. | | | | | |

Photo 1 of 1 : phillips_s_20140509_05852.jpg



Looking downstream at overgrown waterside and crown roadway. Photo taken 4-23-2014.

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.18 | Rating ** | M | Issue No. | 11 |
| LM End | 0.18 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.260055 ° | 37.260055 ° |
| | | | | -120.288545 ° | -120.288545 ° |
| DWR ID | DWR_NA0013_03_s _ 2013_11 | | | | |
| Action/Comments | | | | | |
| Thin trees to allow visibility of the ground and room to flood fight. | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.25 | Rating ** | M | Issue No. | 24 |
| LM End | 1.22 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.261002 ° | 37.272540 ° |
| | | | | -120.288547 ° | -120.281002 ° |
| DWR ID | DWR_NA0013_03_s _ 2014_24 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.26 | Rating ** | M | Issue No. | 25 |
| LM End | 0.26 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.261205 ° | 37.261205 ° |
| | | | | -120.288550 ° | -120.288550 ° |
| DWR ID | DWR_NA0013_03_s _ 2014_25 | | | | |
| Action/Comments | | | | | |
| Trim trees to at least five feet above ground level. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.40 | Rating ** | M | Issue No. | 4 |
| LM End | 0.40 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.263181 ° | 37.263181 ° |
| | | | | -120.288238 ° | -120.288238 ° |
| DWR ID | DWR_NA0013_03_s_2014_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21043 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - abandoned debris blocked inlet pipe on LS. | | | | | |
| Needs to be cleared on both sides or it needs to be abandoned properly. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe | | | | | |
| through the levee, 10.0 feet below the crown, concrete headwall, flap | | | | | |
| gate, and concrete grouted cobble spillway on the waterward toe, | | | | | |
| concrete headwall on the landward toe (O&M Unit No. 607, 1962 | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2409.jpg



WS view: U typed concrete headwall, cobble spillway, and channel on waterside.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.45 | Rating ** | M | Issue No. | 13 |
| LM End | 0.46 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.263951 ° | 37.264101 ° |
| | | | | -120.288472 ° | -120.288474 ° |
| DWR ID | DWR_NA0013_03_s_2013_13 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.56 | Rating ** | M | Issue No. | 3 |
| LM End | 0.62 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.265460 ° | 37.266225 ° |
| | | | | -120.288447 ° | -120.287980 ° |
| DWR ID | DWR_NA0013_03_f_2012_3 | | | | |
| Action/Comments | | | | | |
| Repair depressions or ruts in the crown or slope. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.59 | Rating ** | M | Issue No. | 6 |
| LM End | 0.59 | Issue Type + | En | Location * | CR |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.265894 ° | 37.265894 ° |
| | | | | -120.288295 ° | -120.288295 ° |
| DWR ID | DWR_NA0013_03_s_2014_6 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21068 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs clearing and cleaning on inlet and outlet. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe | | | | | |
| through the levee, 7.5 feet below the crown, concrete headwall, flap | | | | | |
| gate, and concrete grouted cobble spillway on the waterward toe, | | | | | |
| concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2450.jpg



WS view: cobble spillway and channel on waterside. Dense vegetation on levee slope.

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.74 | Rating ** | M | Issue No. | 5 |
| LM End | 0.74 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.267714 ° | 37.267714 ° |
| | | | | -120.286717 ° | -120.286717 ° |
| DWR ID | DWR_NA0013_03_f_2012_5 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.80 | Rating ** | M | Issue No. | 16 |
| LM End | 0.80 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.268420 ° | 37.268420 ° |
| | | | | -120.286231 ° | -120.286231 ° |
| DWR ID | DWR_NA0013_03_s_2014_16 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21069 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs vegetation clearing on WS. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.5 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2454.jpg



WS view: overview of spillway/outlet area on waterside.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|-----------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.00 | Rating ** | M | Issue No. | 1 |
| LM End | 1.00 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR Erosion Survey | | | 37.270800 ° | 37.270800 ° |
| | | | | -120.284180 ° | -120.284180 ° |
| DWR ID | DWR_NA0013_03_s _ 2013_1 | | | | |
| Action/Comments | | | | | |

Inspector Comments: 07/31/2012: Site was visited on 07/26/2012. No significant changes observed. Dense vegetation presents at the site. 08/16/2011: No visible change. 100 percent vegetation coverage with star thistles. Minor cracking visible on the waterside slope. 11/30/2010: Site was not inspected this year due to time constraint. There have been no reports from the district that this site was corrected. Continue to monitor during flood events. 2009: Site is recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; it was previously rated "U". 8/26/2008: Terracetting erosion; frequent livestock traversing the slopes has caused deformation of the waterside levee slope. 9/11/2007: GPS extended from opposite bank using Google Earth. [2012 Site ID:NA0013U03RM1]

Photo 1 of 3 : phillips_s_20140414_717.jpg



A close look at the site, which is covered by thick vegetation

Photo 2 of 3 : phillips_s_20140414_718.jpg



Site covered with dense vegetation.

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.00 | Rating ** | M | Issue No. | 1 (cont) | |
| LM End | 1.00 | Issue Type + | Ma | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR Erosion Survey | | | 37.270800 ° | 37.270800 ° | |
| | | | | -120.284180 ° | -120.284180 ° | |
| DWR ID | DWR_NA0013_03_s _ 2013_1 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: 07/31/2012: Site was visited on 07/26/2012. No | | | | | | |

Photo 3 of 3 : phillips_s_20140414_719.jpg



Wooden posts and fence on site

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.03 | Rating ** | M | Issue No. | 17 |
| LM End | 1.03 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.271111 ° | 37.271111 ° |
| | | | | -120.283786 ° | -120.283786 ° |
| DWR ID | DWR_NA0013_03_s _ 2014_17 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21070 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - vegetations need to be removed from spillway and outlet. It needs clearing more than half of inlet pipe was buried in inlet. It needs cleaning & clearing. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2459.jpg



WS view: cobble spillway and channel on waterside.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.11 | Rating ** | U | Issue No. | 9 |
| LM End | 1.24 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.271737 ° | 37.272498 ° |
| | | | | -120.282642 ° | -120.280511 ° |
| DWR ID | DWR_NA0013_03_f_2012_9 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: This levee section has a history of rodent problems that has been known for many years. There should be bait stations in place in these infested areas. | | | | | |

Photo 1 of 1 : phillips_s_20140512_05863.jpg



Levee slope taken over by rodents, levee mile 1.11-1.24. Photo taken 4-23,-2014.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.17 | Rating ** | M | Issue No. | 18 |
| LM End | 1.17 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.272192 ° | 37.272192 ° |
| | | | | -120.281805 ° | -120.281805 ° |
| DWR ID | DWR_NA0013_03_s_2014_18 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21063 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - mud and debris from recent channel cleaning needs to be removed from spillway and outlet inlet pipe needs clearing and cleaning on landside. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2433.jpg



WS view: U typed concrete headwall, CM pipe, and flap gate buried under mud/debris.

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.20 | Rating ** | M | Issue No. | 970 |
| LM End | 1.20 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272444 ° | 37.272444 ° |
| | | | | -120.281282 ° | -120.281282 ° |
| DWR ID | DWR_NA0013_03_s _ 2012_970 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.21 | Rating ** | M | Issue No. | 15 |
| LM End | 1.27 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272510 ° | 37.272860 ° |
| | | | | -120.281043 ° | -120.280287 ° |
| DWR ID | DWR_NA0013_03_s _ 2013_15 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.21 | Rating ** | M | Issue No. | 14 |
| LM End | 1.27 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272510 ° | 37.272860 ° |
| | | | | -120.281042 ° | -120.280287 ° |
| DWR ID | DWR_NA0013_03_s _ 2013_14 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.23 | Rating ** | M | Issue No. | 971 |
| LM End | 1.23 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272553 ° | 37.272553 ° |
| | | | | -120.280742 ° | -120.280742 ° |
| DWR ID | DWR_NA0013_03_s _ 2012_971 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.24 | Rating ** | M | Issue No. | 8 |
| LM End | 1.24 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272584 ° | 37.272584 ° |
| | | | | -120.280543 ° | -120.280543 ° |
| DWR ID | DWR_NA0013_03_s _ 2012_8 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: This unit is maintained as far as the vegetation is concerned, however there is a problem with the rodents. The District should have bait stations throughout the area where rodents are present. | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.25 | Rating ** | M | Issue No. | 7 |
| LM End | 1.30 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272707 ° | 37.273379 ° |
| | | | | -120.280334 ° | -120.279976 ° |
| DWR ID | DWR_NA0013_03_s _ 2012_7 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District needs to be more aggressive in their efforts of controlling the ground rodents. There should be some Bait Stations placed in infected areas. | | | | | |

Photo 1 of 1 : phillips_s_20140414_722.jpg



Landside slope taken over by rodents. Photo taken 4-18-2013.

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.25 | Rating ** | M | Issue No. | 2 |
| LM End | 1.25 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR Erosion Survey | | | 37.272630 ° | 37.272630 ° |
| | | | | -120.280390 ° | -120.280390 ° |
| DWR ID | DWR_NA0013_03_s _ 2013_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: 07/31/2012: Site was visited on 07/24/2012. No significant changes observed. Dried grass covered the site. Dense vegetation. | | | | | |
| 08/16/2011: No visible change. 100 percent vegetation coverage with star thistles. Minor cracking visible on the waterside slope. Burrow holes visible. | | | | | |
| 11/30/2010: Site was not inspected this year due to time constraint. There have been no reports from the district that the site was repaired. Continue to monitor during flood events. | | | | | |
| 2009: Bank erosion scour that is immediately downstream of Mission Avenue bridge; noticeable terracetting damage from livestock traversing the slope; site is recommended as local maintenance issue, per CLRO Evaluation 2008 Report; site was previously rated "M". | | | | | |
| 8/26/2008: Terracetting damage from livestock; there is now a pocket erosion developing on the levee toe; site is 100 feet downstream of Mission Avenue bridge. [2012 Site ID:NA0013U03RM1.25] | | | | | |

Photo 1 of 2 : phillips_s_20140414_720.jpg



The site is covered with dense thistles.

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.25 | Rating ** | M | Issue No. | 2 (cont) | |
| LM End | 1.25 | Issue Type + | Ma | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR Erosion Survey | | | 37.272630 ° | 37.272630 ° | |
| | | | | -120.280390 ° | -120.280390 ° | |
| DWR ID | DWR_NA0013_03_s _ 2013_2 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: 07/31/2012: Site was visited on 07/24/2012. No significant changes observed. Dried grass covered the site. Dense vegetation. | | | | | | |
| 08/16/2011: No visible change. 100 percent vegetation coverage with star thistles. Minor cracking visible on the waterside slope. Burrow holes visible. | | | | | | |
| 11/30/2010: Site was not inspected this year due to time constraint. There have been no reports from the district that the site was repaired. Continue to monitor during flood events. | | | | | | |
| 2009: Bank erosion scour that is immediately downstream of Mission Avenue bridge; noticeable terracetting damage from livestock traversing the slope; site is recommended as local maintenance issue, per CLRO Evaluation 2008 Report; site was previously rated "M". | | | | | | |
| 8/26/2008: Terracetting damage from livestock; there is now a pocket erosion developing on the levee toe; site is 100 feet downstream of Mission Avenue bridge. [2012 Site ID:NA0013U03RM1.25] | | | | | | |

Photo 2 of 2 : phillips_s_20140414_721.jpg



No significant change visible from the levee top

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Owens Creek Diversion | Right | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.28 | Rating ** | M | Issue No. | 19 |
| LM End | 1.28 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.273081 ° | 37.273081 ° |
| | | | | -120.280288 ° | -120.280288 ° |
| DWR ID | DWR_NA0013_03_s_2014_19 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21064 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs clearing and cleaning of vegetations on both ends of the pipe,needs clearing and cleaning of silt deposited inside of the pipe. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962 | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2436.jpg



WS view: U typed concrete headwall, CM pipe, and flap gate. Vegetation needs to be cleared.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.31 | Rating ** | M | Issue No. | 26 |
| LM End | 1.31 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.273370 ° | 37.273370 ° |
| | | | | -120.280031 ° | -120.280030 ° |
| DWR ID | DWR_NA0013_03_s_2014_26 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Merced Streams Group

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 04 Owens Creek Diversion | | | Left | 1.44 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 04/23/2014 - 04/23/2014 | | | |
| DWR Inspector | Herman Phillips | | | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 11 |
| LM End | 0.10 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.273319 ° | 37.273287 ° |
| | | | | -120.277838 ° | -120.279732 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_11 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 9 |
| LM End | 0.11 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.273319 ° | 37.273231 ° |
| | | | | -120.277838 ° | -120.279838 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_9 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 5 |
| LM End | 0.11 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.273319 ° | 37.273231 ° |
| | | | | -120.277838 ° | -120.279837 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_5 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.01 | Rating ** | M | Issue No. | 7 |
| LM End | 0.11 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.273082 ° | 37.273231 ° |
| | | | | -120.277984 ° | -120.279840 ° |
| DWR ID | DWR_NA0013_04_s _ 2012_7 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

Photo 1 of 1 : phillips_s_20140509_05849.jpg



Owens Creek Unit 4 looking downstream from levee mile 0.01. Photo taken 4-23-2014.

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06 | Rating ** | M | Issue No. | 6 |
| LM End | 0.06 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.273335 ° | 37.273335 ° |
| | | | | -120.277752 ° | -120.277752 ° |
| DWR ID | DWR_NA0013_04_f _ 2012_6 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06 | Rating ** | M | Issue No. | 33 |
| LM End | 0.15 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.273338 ° | 7.272283 ° |
| | | | | -120.278822 ° | -121.280870 ° |
| DWR ID | DWR_NA0013_04_s _ 2014_33 | | | | |
| Action/Comments | | | | | |
| Keep the crown roadway free of vegetation. | | | | | |

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|----------------------|---------------------------|--------------|----|------------------------|-----|
| LM Start | 0.06 | Rating ** | U | Issue No. | 32 |
| LM End | 0.30 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.273338 ° | ° |
| | | | | -120.278822 ° | ° |
| DWR ID | DWR_NA0013_04_s _ 2014_32 | | | | |
| Action/Comments | | | | | |
| Agricultural tilling | | | | | |

Photo 1 of 2 : phillips_s_20140512_05864.jpg



Looking back upstream from levee mile 0.06 waterside the canal has been dredged and the material placed on waterward bank. Photo taken 4-23-2014.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.06 | Rating ** | U | Issue No. | 32 (cont) |
| LM End | 0.30 | Issue Type + | En | Location * | WS |

Photo 2 of 2 : phillips_s_20140512_05865.jpg



Looking downstream from levee mile 0.06 to 0.30 at dredging on the waterward bank. Photo taken 4-23-2014.

| | | | | | |
|---------------------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.11 | Rating ** | M | Issue No. | 13 |
| LM End | 0.11 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.273295 ° | 37.273295 ° |
| | | | | -120.279673 ° | -120.279673 ° |
| DWR ID | DWR_NA0013_04_s _ 2014_13 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21246 | | | | | |

Photo 1 of 1 : UCIP_2493.jpg



WS view: concrete spillway and channel on waterside. Dense vegetation on levee slope and spillway.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.12 | Rating ** | M | Issue No. | 10 |
| LM End | 0.17 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.273070 ° | 37.272466 ° |
| | | | | -120.279985 ° | -120.280214 ° |
| DWR ID | DWR_NA0013_04_s_2012_10 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.15 | Rating ** | M | Issue No. | 3 |
| LM End | 0.28 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR Erosion Survey | | | 37.272283 ° | 37.272283 ° |
| | | | | -120.280869 ° | -120.280869 ° |
| DWR ID | DWR_NA0013_04_s_2013_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: 07/31/2012: No significant changes observed 08/16/2011: No significant change was visible. Minor cracking on the waterside levee slope was spotted. 100 percent vegetation coverage with star thistles. 11/30/2010: Site was not inspected this year due to time constraints. There have been no reports from the district that the site has been corrected. 2009: Site recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; previously rated "U". 9/10/2007: GPS extended from opposite bank using Google Earth; signs of vehicular damage on levee. [2012 Site ID:NA0013U04RM0.21] | | | | | |

Photo 1 of 2 : phillips_s_20140414_731.jpg



The site is covered with dense star thistles. No significant changes visible.

| | | | |
|--|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | | |
|--|--------------------------|--------------|----|------------------------|----------|---------------|
| LM Start | 0.15 | Rating ** | M | Issue No. | 3 (cont) | |
| LM End | 0.28 | Issue Type + | Ma | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR Erosion Survey | | | 37.272283 ° | | 37.272283 ° |
| | | | | -120.280869 ° | | -120.280869 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_3 | | | | | |
| Action/Comments | | | | | | |
| Inspector Comments: 07/31/2012: No significant changes observed 08/16/2011: No significant change was visible. Minor cracking on the waterside levee slope was spotted. 100 percent vegetation coverage with star thistles. 11/30/2010: Site was not inspected this year due to time constraints. There have been no reports from the district that the site has been corrected. 2009: Site recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; previously rated "U". 9/10/2007: GPS extended from opposite bank using Google Earth; signs of vehicular damage on levee. [2012 Site ID:NA0013U04RM0.21] | | | | | | |

Photo 2 of 2 : phillips_s_20140414_732.jpg



The site is covered with dense star thistles.

| | | | | | |
|---|---------------------------|--------------|----|------------------------|-----|
| LM Start | 0.17 | Rating ** | M | Issue No. | 34 |
| LM End | 1.05 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.272495 ° | ° |
| | | | | -120.280193 ° | ° |
| DWR ID | DWR_NA0013_04_s _ 2014_34 | | | | |
| Action/Comments | | | | | |
| Remove the wild growth other than native grasses from the levee slopes. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.17 | Rating ** | M | Issue No. | 15 |
| LM End | 0.25 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272477 ° | 37.272103 ° |
| | | | | -120.280222 ° | -120.281465 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_15 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.18 | Rating ** | M | Issue No. | 1 |
| LM End | 0.18 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272429 ° | 37.272429 ° |
| | | | | -120.280251 ° | -120.280251 ° |
| DWR ID | DWR_NA0013_04_s _ 2012_1 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.18 | Rating ** | U | Issue No. | 8 |
| LM End | 0.23 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272429 ° | 37.272380 ° |
| | | | | -120.280250 ° | -120.280360 ° |
| DWR ID | DWR_NA0013_04_f _ 2012_8 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: There should be bait stations placed along the infested areas. | | | | | |

Photo 1 of 1 : phillips_s_20140509_05848.jpg



Unsatisfactory rodent activity on landside levee slope. Photo taken 4-23-2014.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.23 | Rating ** | M | Issue No. | 31 |
| LM End | 0.23 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272219 ° | 37.272219 ° |
| | | | | -120.281157 ° | -120.281157 ° |
| DWR ID | DWR_NA0013_04_s _ 2012_31 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.23 | Rating ** | M | Issue No. | 17 |
| LM End | 0.25 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272157 ° | 37.272029 ° |
| | | | | -120.281152 ° | -120.281500 ° |
| DWR ID | DWR_NA0013_04_f_2012_17 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.25 | Rating ** | M | Issue No. | 21 |
| LM End | 0.86 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.272081 ° | 37.265389 ° |
| | | | | -120.281483 ° | -120.288041 ° |
| DWR ID | DWR_NA0013_04_s _ 2012_21 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.32 | Rating ** | M | Issue No. | 16 |
| LM End | 0.32 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.271495 ° | 37.271495 ° |
| | | | | -120.282452 ° | -120.282452 ° |
| DWR ID | DWR_NA0013_04_s_2014_16 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21105 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs vegetation clearing on waterside inlet on landside needs clearing. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2465.jpg



LS view: concrete headwall and CM pipe. Inlet needs clearing.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.36 | Rating ** | U | Issue No. | 35 |
| LM End | 0.36 | Issue Type + | En | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.271151 ° | 37.271151 ° |
| | | | | -120.283154 ° | -120.283154 ° |
| DWR ID | DWR_NA0013_04_s_2014_35 | | | | |
| Action/Comments | | | | | |
| Pipe | | | | | |
| Inspector Comments: Unauthorized irrigation pipe crossing levee section blocking access. Portable HP pump on water side shoulder. | | | | | |

Photo 1 of 3 : phillips_s_20140509_05845.jpg



New Unauthorized pipe blocking access to levee crown roadway. Photo taken 4-23-2014. Waterside view.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.36 | Rating ** | U | Issue No. | 35 (cont) |
| LM End | 0.36 | Issue Type + | En | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.271151 ° | 37.271151 ° |
| | | | | -120.283154 ° | -120.283154 ° |
| DWR ID | DWR_NA0013_04_s _ 2014_35 | | | | |
| Action/Comments | | | | | |
| Pipe | | | | | |
| Inspector Comments: Unauthorized irrigation pipe crossing levee section blocking access. Portable HP pump on water side shoulder. | | | | | |

Photo 2 of 3 : phillips_s_20140509_05846.jpg



Another view of the pipe blocking access to levee crown roadway.
Photo taken 4-23-2014. Crossing crown

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.36 | Rating ** | U | Issue No. | 35 (cont) |
| LM End | 0.36 | Issue Type + | En | Location * | CR |

Photo 3 of 3 : phillips_s_20140509_05847.jpg



Landside view of unauthorized pipe crossing levee crown. Photo taken 4-23-2014.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.42 | Rating ** | M | Issue No. | 4 |
| LM End | 0.43 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR Erosion Survey | | | 37.270630 ° | 37.270630 ° |
| | | | | -120.283970 ° | -120.283970 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: 07/24/2012: No significant changes observed. | | | | | |

Photo 1 of 2 : phillips_s_20140414_733.jpg



Direct look at the site

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.42 | Rating ** | M | Issue No. | 4 (cont) |
| LM End | 0.43 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : phillips_s_20140414_734.jpg



The site is covered with thick vegetation

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---------------------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.45 | Rating ** | M | Issue No. | 20 |
| LM End | 0.45 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.270317 ° | 37.270317 ° |
| | | | | -120.284221 ° | -120.284221 ° |
| DWR ID | DWR_NA0013_04_s _ 2014_20 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21106 | | | | | |

Photo 1 of 1 : UCIP_2466.jpg



LS view: concrete headwall and CM pipe.

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.46 | Rating ** | M | Issue No. | 23 |
| LM End | 0.79 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.270222 ° | 37.266230 ° |
| | | | | -120.284315 ° | -120.287571 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_23 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.48 | Rating ** | M | Issue No. | 22 |
| LM End | 0.54 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.270016 ° | 37.269254 ° |
| | | | | -120.284539 ° | -120.285127 ° |
| DWR ID | DWR_NA0013_04_s _ 2012_22 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.50 | Rating ** | M | Issue No. | 2 |
| LM End | 0.50 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.269709 ° | 37.269709 ° |
| | | | | -120.284712 ° | -120.284712 ° |
| DWR ID | DWR_NA0013_04_s _ 2012_2 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.55 | Rating ** | U | Issue No. | 19 |
| LM End | 1.01 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.269084 ° | 37.263043 ° |
| | | | | -120.285150 ° | -120.287847 ° |
| DWR ID | DWR_NA0013_04_f _ 2012_19 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: This levee section, waterward side, has been taken over with rodents. Bait stations are needed here to help control them. | | | | | |

Photo 1 of 1 : phillips_s_20140512_05866.jpg



Rodents are active here, these holes are fresh with tracks. Photo taken 4-23-2014.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.59 | Rating ** | M | Issue No. | 27 |
| LM End | 0.59 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.268704 ° | 37.268704 ° |
| | | | | -120.285545 ° | -120.285545 ° |
| DWR ID | DWR_NA0013_04_s_2014_27 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21124 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs vegetation clearing on both levee sides. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe | | | | | |
| through the levee, 6.0 feet below the crown, concrete headwall, flap | | | | | |
| gate, and concrete grouted cobble spillway on the waterward toe, | | | | | |
| concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2472.jpg



WS view: U typed concrete headwall, CM pipe, and flap gate. Vegetation needs to be cleared.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.60 | Rating ** | M | Issue No. | 12 |
| LM End | 1.04 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.268544 ° | 37.262887 ° |
| | | | | -120.285738 ° | -120.287889 ° |
| DWR ID | DWR_NA0013_04_s_2012_12 | | | | |
| Action/Comments | | | | | |
| Exterminate rodents and backfill and compact or grout burrows. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.82 | Rating ** | M | Issue No. | 28 |
| LM End | 0.82 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.265947 ° | 37.265947 ° |
| | | | | -120.287790 ° | -120.287790 ° |
| DWR ID | DWR_NA0013_04_s_2014_28 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21126 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs vegetation clearing on waterside.concrete spillway on waterside.the drainage was working during field survey. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962 | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2479.jpg



LS view: concrete headwall and CM pipe. Drain pipe was working during field survey.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.93 | Rating ** | M | Issue No. | 36 |
| LM End | 0.93 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.264325 ° | 37.264325 ° |
| | | | | -120.288038 ° | -120.288038 ° |
| DWR ID | DWR_NA0013_04_s_2012_36 | | | | |
| Action/Comments | | | | | |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|-----|
| LM Start | 0.95 | Rating ** | A/W | Issue No. | 14 |
| LM End | 1.44 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.264036 ° | ° |
| | | | | -120.288053 ° | ° |
| DWR ID | DWR_NA0013_04_s _ 2014_14 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|-----|
| LM Start | 0.98 | Rating ** | A/W | Issue No. | 37 |
| LM End | 1.40 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.263630 ° | ° |
| | | | | -120.287943 ° | ° |
| DWR ID | DWR_NA0013_04_s _ 2014_37 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.02 | Rating ** | M | Issue No. | 24 |
| LM End | 1.05 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.263069 ° | 37.262688 ° |
| | | | | -120.288375 ° | -120.287965 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_24 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.02 | Rating ** | M | Issue No. | 25 |
| LM End | 1.05 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.263069 ° | 37.262688 ° |
| | | | | -120.288375 ° | -120.287965 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_25 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.02 | Rating ** | M | Issue No. | 26 |
| LM End | 1.07 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.263116 ° | 37.262327 ° |
| | | | | -120.288371 ° | -120.288173 ° |
| DWR ID | DWR_NA0013_04_s _ 2013_26 | | | | |
| Action/Comments | | | | | |
| Control annual grass and weeds on the levee slopes and easements. | | | | | |

No Photos

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.03 | Rating ** | M | Issue No. | 18 |
| LM End | 1.39 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.262920 ° | 37.257759 ° |
| | | | | -120.287842 ° | -120.287956 ° |
| DWR ID | DWR_NA0013_04_s _ 2012_18 | | | | |
| Action/Comments | | | | | |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | | | | |

No Photos

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Merced Streams Group

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-----------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Owens Creek Diversion | Left | 1.44 | 04/23/2014 04/23/2014 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.09 | Rating ** | M | Issue No. | 29 |
| LM End | 1.09 | Issue Type + | En | Location * | CR |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.262207 ° | 37.262207 ° |
| | | | | -120.288148 ° | -120.288148 ° |
| DWR ID | DWR_NA0013_04_s_2014_29 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21210 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - needs clearing on both inlet and outlet. needs | | | | | |
| vegetations clearing on spillway on waterside and inlet on landside. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe | | | | | |
| through the levee, 10.0 feet below the crown, concrete headwall, flap | | | | | |
| gate, and concrete grouted cobble spillway on the waterward toe, | | | | | |
| concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2487.jpg



WS view: concrete spillway and channel on waterside. Dense vegetation on levee slope and spillway.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.22 | Rating ** | M | Issue No. | 30 |
| LM End | 1.22 | Issue Type + | En | Location * | CR |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.260250 ° | 37.260250 ° |
| | | | | -120.288141 ° | -120.288141 ° |
| DWR ID | DWR_NA0013_04_s_2014_30 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: FS_ID:21244 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: | | | | | |
| Crossing Status: | | | | | |
| UCIP Comments: - significant levee crown and slope cracks along the pipe. Detailed investigation required;inlet pipe burried on landside. Needs removal of silts. Needs clearing and cleaning;half of outlet pipe burried. Needs clearing and removal of vegetations and silts. | | | | | |
| FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) | | | | | |
| FS Date: 9/17/2013 | | | | | |

Photo 1 of 1 : UCIP_2490.jpg



WS view: U typed concrete headwall, CM pipe, and flap gate. Dirt and vegetations need to be removed and cleared.

| | | |
|--|---|---|
| * Location LS : Land Side WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|